

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of the claims in this application:

1. (currently amended) A nucleic acid molecule comprising a low homology packaging signal cassette flanked by a recombinase recognition sequence, wherein said packaging signal cassette comprises a modified adenovirus packaging signal having ~~less than six~~ one to five A elements, each A element having a consensus sequence of ATTTGN₈~~GCCG~~ (SEQ ID NO:1), and where N₈ of each A element is replaced by the N₈ sequence of a different A element and all N₈ sequences are not identical.
2. (original) The nucleic acid of claim 1, wherein said recombinase recognition sequence is *loxP*.
3. (original) The nucleic acid of claim 1, wherein said recombinase recognition sequence is *frt*.
4. (previously presented) The nucleic acid of claim 1, wherein said modified packaging signal is less efficient than said wild-type packaging signal.
5. (original) The nucleic acid of claim 4, wherein said wild-type packaging signal is human adenovirus serotype 5 packaging signal.
6. (previously presented) The nucleic acid of claim 5, wherein the modified packaging signal comprises at a maximum[[,]] 23 bp of contiguous sequence homology ~~with said~~ relative to a wild-type packaging signal at a portion of the sequence other than the A elements.
7. (previously presented) The nucleic acid of claim 5, wherein said modified packaging signal is about 2-3 times less efficient than said wild-type signal relative to adenovirus within the same cell line.
8. (cancelled)

9. (original) The nucleic acid of claim 6, wherein said nucleic acid is a plasmid.
10. (currently amended) A helper virus comprising ~~The nucleic acid of claim 6 wherein said nucleic acid comprises a helper virus.~~
11. (original) The nucleic acid of claim 10, wherein said helper virus does not contain an E1 gene.
12. (original) The nucleic acid of claim 11, wherein said helper virus comprises an E3 region with an insert of about 2.9 kb.
13. (original) The nucleic acid of claim 12, wherein said insert does not contain a promoter sequence.
14. (previously presented) A nucleic acid of claim 13 comprising an adenovirus E3 gene having an insertion of at least about 2.7 kb, provided that said insertion does not contain a promoter sequence.
15. (original) The nucleic acid of claim 14, wherein said insertion is a human intron sequence.